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is to say that their joint probability **distribution function** is just the product of the individual
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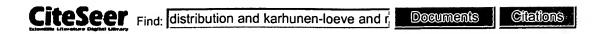
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are mainly captured by the collective rate **distribution function** f(x) and autocorrelation function R(
is to develop algorithms for construction of **random process models**, whose statistics match with the
Fast Algorithms for Measurement-Based Traffic **Model**ing Hao Che San-qi Li Department of Electrical
www.ece.utexas.edu/~sanqi/papers/back_pc_index.ps

Classes of Nonseparable, Spatio-temporal Stationary.. - Cressie, Huang (1999)   (Correct)   (1 citation)
equivalent to the process having a spectral **distribution function** (e.g.Matern, 1960, p. 12)To ensure
Taipei 115 Taiwan Abstract Suppose that a **random process** Z(s t)indexed in space and time, has a
ultimate goal but, in order to achieve this goal, a **model** is needed for how various parts of the process
www.public.iastate.edu/~huang/covariance.ps.gz

Velocity Correlation Tensor and Substructure's Statistics.. - Antonuccio-Delogu And   (Correct)
variance. A knowledge of the velocity **distribution function** around a density peak can be of
condition j j 0, characterizing points of the **random process** that are extrema. Note that f(v x j j)
forming in a standard, flat, scale-invariant CDM **model**. In the case of high (2) peaks with filtering
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value of three that characterizes a Gaussian **distribution**. Also shown in figure 1 are two-parameter
Components Analysis (PCA)also known as the **Karhunen-Loeve** (KL) or Hotelling transform. This is a linear
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face recognition, to **model** the sound frequency **distribution** features. We show that it can be a simple and
human faces. This method is known as the **Karhunen-Loeve** expansion in pattern recognition, and as
originally used in human face recognition, to **model** the sound frequency **distribution** features. We
almond.srv.cs.cmu.edu/afs/cs/project/sensor-9/ftp/papers/imtc98_whd.ps

<u>Active Object Recognition By View Integration and.. - Paletta, Pinz (1998)</u>   <u>(Correct)</u>   <u>(2 citations)</u>
the eigenspace representation. a) depicts the **distribution** of samples of a particular object. b) For
mappings. The proposed system learns object **models** from visual appearance and uses a radial basis
been outlined with respect to specific 3-D shape **models** [8] and 2-D objects [3]whereas evidences from
ftp.icg.tu-graz.ac.at/pub/publications/paletta/ras.ps.gz

<u>Content Based Image Retrieval: Optimal Keys, Texture.. - Michael Lew</u>   <u>(Correct)</u>   <u>(1 citation)</u>
noise process. Formally, denote the probability **distribution** of the image and noise process by F X and F E
image retrieval, Fisher's linear discriminant, **Karhunen-Loeve**, LBP, texture, optimal keys, template,
However, it is often difficult to accurately **model** real world noise, which is a requirement for
www.wi.leidenuniv.nl/home/lim/cbir.okeys.ps

<u>Stochastic Viewpoint Estimation Using an Eigenspace Approach - Edwards</u>   <u>(Correct)</u>
Coefficient Densities If we assume the **distribution** Pr(cj\Theta Phi) is jointly Gaussian 2
approach is used to generate stochastic appearance **models** for use in run-time viewpoint estimation. 1
is appearance-based, in the sense that objects are **model**led solely based on their appearance in 2-D images
www.mines.colorado.edu/fs_home/jledward/work/../pubs/forum-96.ps.gz

<u>Context-Based Statistical Model For Dct-Based Image Coder - Xiaohui Xue</u>   <u>(Correct)</u>
information about the pattern of probability **distribution** provided by the adjacent DCT blocks can be
almost the same perfect decorrelation as the **Karhunen-Loeve** transform can do when applied to 1-order
Context-Based Statistical **Model** For Dct-Based Image Coder Xiaohui Xue, Wen Gao
www.csd.uwo.ca/~xue/DCT.ps

<u>The Nonlinear Gaussian Spectrum of Log-Normal Stochastic.. - Ghanem (1997)</u>   <u>(Correct)</u>
field having a lognormal marginal probability **distribution**. Formally, the process l(x) is written as,
lends itself to analytical manipulations. The **Karhunen-Loeve** expansion and the polynomial chaos expansion
The gaussian stochastic process is the default **model** used in most applications of probabilistic
venus.ce.jhu.edu/papers/./paper17.ps.gz

<u>Continuous Audio-Visual Speech Recognition - Lüttin, Dupont</u>   <u>(Correct)</u>
of the visual articulators [23] based on point **distribution models** [11]2.1 Shape **Model**ling The lip
recognition applications. An appearance based **model** of the articulators, which represents
We tackle the problem of joint temporal **model**ling of the acoustic and visual speech signals by
ftp.idiap.ch/pub/papers/vision/luettin-eccv98.ps.gz

<u>Image Subband-Coding Using an Information-Theoretic Subband.. - Ulug Bayazit</u>   <u>(Correct)</u>
of the subbands to arrive to the **distribution** of rate yielding the least distortion. A

which approximates those of the optimal **Karhunen Loeve** Transform. After the subband decomposition BFOS algorithm which does not require any source **model**ling. We demonstrate the benefit of using the ipl.rpi.edu/publications/pearlman_papers/ist-spie95_bp.ps.gz

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Frangi, A.F.; Niessen, W.J.; Viergever, M.A.;
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Karjalainen, P.A.; Kaipio, J.P.; Koistinen, A.S.; Vauhkonen, M.;
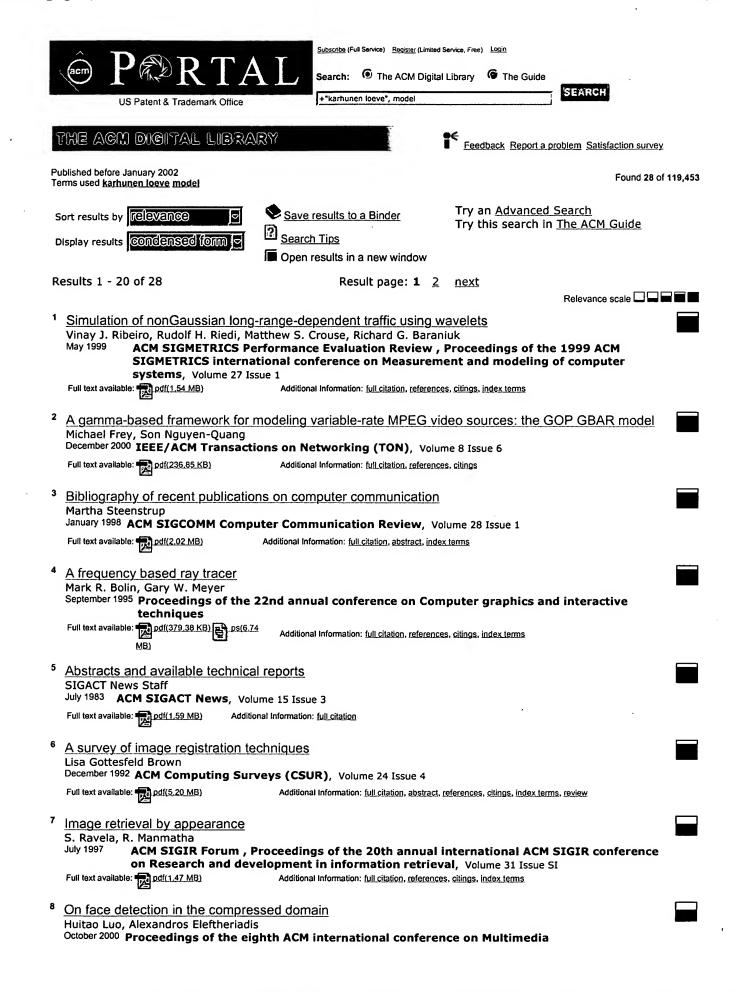Biomedical Engineering, IEEE Transactions on , Volume: 46 , Issue: 7 , July 1999
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